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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	569-1000
First Inventor	Kermarec
Title	Methods of Establishing Virtual Circuits and of Providing a Virtu
Express Mail Label No.	EL 874 025 474 US

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification <span style="border: 1px solid black; padding: 2px;">[Total Pages 24]</span> (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="border: 1px solid black; padding: 2px;">[Total Sheets 3]</span></p> <p>5. Oath or Declaration <span style="border: 1px solid black; padding: 2px;">[Total Pages 5]</span></p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)</p> <p>1. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies), or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>
<b>ACCOMPANYING APPLICATION PARTS</b>		
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <span style="border: 1px solid black; padding: 2px;">(when there is an assignee)</span> <input type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other:</p>		

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)	<input type="checkbox"/> Correspondence address below
<p>Name <span style="border: 1px solid black; padding: 2px;">William M. Lee, Jr.</span> LEE, MANN, SMITH, MCWILLIAMS, SWEENEY &amp; OHLSON</p> <p>Address <span style="border: 1px solid black; padding: 2px;">P.O. Box 2786</span></p> <p>City <span style="border: 1px solid black; padding: 2px;">Chicago</span> State <span style="border: 1px solid black; padding: 2px;">IL</span> Zip Code <span style="border: 1px solid black; padding: 2px;">60690-2786</span></p> <p>Country <span style="border: 1px solid black; padding: 2px;">U.S.A.</span> Telephone <span style="border: 1px solid black; padding: 2px;">312-368-1300</span> Fax <span style="border: 1px solid black; padding: 2px;">312-368-0034</span></p>	

Name (Print/Type)	William M. Lee, Jr.	Registration No. (Attorney/Agent)	26,935	
Signature			Date	January 22, 2002

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$1,548.00

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Kermarec
Examiner Name	
Group Art Unit	
Attorney Docket No.	569-1000

METHOD OF PAYMENT		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <b>12-0913</b> Deposit Account Name <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status See 37 CFR § 1.27		3. ADDITIONAL FEES Large Entity      Small Entity Fee Code (\$) Fee Code (\$) Fee Description Fee Paid	
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		Fee Description Fee Paid	
FEE CALCULATION			
1. BASIC FILING FEE Large Entity      Small Entity Fee Code (\$) Fee Code (\$) Fee Description Fee Paid			
101 740 201 370 Utility filing fee <b>740.00</b> 106 330 206 165 Design filing fee 107 510 207 255 Plant filing fee 108 740 208 370 Reissue filing fee 114 160 214 80 Provisional filing fee SUBTOTAL (1) <b>\$740.00</b>			
2. EXTRA CLAIM FEES Extra Claims      Fee from below      Fee Paid Total Claims <b>58</b> -20** = <b>38</b> X <b>18.00</b> = <b>684.00</b> Independent Claims <b>4</b> -3** = <b>1</b> X <b>84.00</b> = <b>84.00</b> Multiple Dependent Large Entity      Small Entity Fee Code (\$) Fee Code (\$) Fee Description Fee Paid			
103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent SUBTOTAL (2) <b>\$768.00</b>			
*Reduced by Basic Filing Fee Paid      SUBTOTAL (3) <b>\$40.00</b>			

\*\*or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

Name (Print/Type)	William M. Lee, Jr.	Registration No. (Attorney/Agent)	26,935	Telephone	312-368-1300
Signature	<i>William M. Lee</i>	Date	Complete if applicable		
			January 22, 2002		

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Please acknowledge  
receipt of the  
enclosed  
New US Patent Application for

Kermarec et al

METHODS OF ESTABLISHING VIRTUAL  
CIRCUITS AND OF PROVIDING A VIRTUAL  
PRIVATE NETWORK SERVICE THROUGH  
SHARED NETWORK, AND PROVIDER EDGE  
DEVICE FOR SUCH NETWORK

Serial No To Be Assigned

Filed: Herewith

1. Utility Patent Application Transmittal
2. Fee Transmittal for FY 2002 (in duplicate)
- 3 Declaration w/Specification (24 pages), including  
Abstract and Drawings (3 Sheets)
4. Check No 47692 in the amount of \$1548.00
- 5 Express Mail Certificate
6. Return Post Card

DUE DATE (If Any): NEW APPLICATION  
DATE SENT January 22, 2002  
WMLJ:tjb

**"Express Mail" mailing label number**  
**EL 874 025 474 US**

**Date of deposit: January 22, 2002**

**I hereby certify that this paper or fee is being deposited with  
the United States Postal Service "Express Mail Post Office  
to Addressee" service under 37 CFR 1.10 on the date indicated  
above and is addressed to the Assistant Commissioner  
for Patents, Washington DC 20231**

**Jorge Galvan**  
(Typed or printed name of person mailing paper or fee)

**(Signature of person mailing paper or fee)**